

PHILOSOPHICAL TRANSACTIONS.

March 25. 1674.

The CONTENTS.

The Preface to the Tenth Year of these Tracts. Notice of a New Discovery concerning Nova Zembla. An Account of a Way of Extracting a Volatil Salt and Spirit out of Vegetables, by Dr. Daniel Cox. An Observation of Dr. Johnstons of Pomphret concerning some Stones of a perfect Gold-colour, found in Animals. Extracts of two Letters, written by Mr. Sandius touching the Origin of Pearls. An Account of some Books: I. An Attempt to prove the MOTION of the Earth from Observations, made by Robert Hook, Fellow of the R. Society. II. A Body of MILITARY MEDICINES experimented, by Raymundus Mindererus, &c. III. EPHEMERIDUM MEDICO-PHYSICARUM Germanicæ ANNUS TERTIUS. IV. Englands INTEREST and IMPROVEMENT, &c. by Samuel Fortrey Esquire. V. A Discourse of the FISHERY, &c. by Roger L'Estrange Esquire.

The Preface to the Tenth Year of these Tracts.

UNDER the favourable Countenance of those *Worthies* who are addicted to the *Advancement of Arts and Sciences*, I hold on my resolutions by Gods assistance, To endeavour the publishing a *Ninth Volume of Philosophical Communications*, in this *Tenth* year of my undertakings of this kind, beginning an
A other

other *Century* in this present *March*: My *first* Volume containing the *two first* years, as partly interrupted by our *public* Calamities, and part of the time laid out for *Instructions* and *Exemplars* to prepare and incline our generous Correspondents, to adhere closely to the Truth of Nature by faithful Experiments, and to evidence of matter of fact in their Historical Narrations.

And I shall not here take much notice of the Obstructions and Discouragements, that *have been* and *are* cast in our way by the Malevolent, they being sufficiently punish'd by this, that they exclude themselves from the knowledge of *Gods* admirable Works and of ingenious Inventions.

Mean while, the *Virtuosi* may encourage themselves and receive satisfaction from that noble *Elogy*, which was long ago provided for them by the elegant Poet *Claudian*;

*Ipsa quidem VIRTUS precium sibi, Solâq; latè
Fortunæ secura nitet, nec fascibus ullis
Erigitur, plaussive petit clarescere vulgi;
Nil opis externæ cupiens, nil indiga laudis,
Divitiis animosa suis, immotâque cunctis
Casibus, ex alta mortalia despicit arce:
Attamen invitam blandè vestigat, & ultrò
Ambit honor——*

De Confu-
latu Mallii
Theodori
Panegyris.

The very same, in effect, with a more antient and a more genial Poet, (*Horace*,) tuned to his Lyre, in the age, and in the ear, and with the high applause of great *Augustus Cæsar*;

*Virtus, repulsæ nescia sordidæ,
Intaminatis fulget honoribus,
Nec sumit, aut ponit secures,
Arbitrio popularis auræ.
Virtus, recludens immeritis mori
Cælum, negatâ tentat iter viâ,
Cætúsque vulgares, & udam
Spernit humum, fugiente pennâ.*

Carm. 1. 3.
Ode 2.

And an other, (*Ovid*) in few words, lays down the grounds and withall the final unsuccessfulness, of all our adversaries calumnies and ralleries;

*Pascitur in vivis Livor, post fata quiescit;
Tunc suus ex merito quemque tuetur Honos.*

L. 1. Amor.

And

And the Prince of Latin Poets, *Virgil*, saw amongst his *Heroes* in his flowry *Elyſum*, the Valiant for their Countrey, the Eloquent, and the Inventors of Arts for humane Accomodations, and thoſe who purchaſed laſting Honor by real merit : Theſe, he ſaw there crown'd with Garlands as white as ſnow :

<i>Heic manus, ob patriam pugnando vulnera paſſi; Quique pii Vates, & Phæbo digna locuti; Inventas aut qui vitam excoluere per Artes, Quique ſui memores alios fecere merendo: Omnibus his niveâ cinguntur tempora vittâ.</i>	}	<i>Æneid. 6. v. 660.</i>
---	---	---------------------------------------

Theſe old Eloges do juſtly belong to our Noble Friends and worthy Correſpondents, who do ſpend ſo much of their Lives, and Labors, (and ſome their Treasures alſo,) to oblige even the ungrateful, and their yet unborn Poſterity.

Now I go on chearfully and with a reſolved mind, beginning with

A Letter, not long ſince written to the Publiſher by an Experienced perſon reſiding at Amſterdam, containing a true Deſcription of Nova Zembla, together with an intimation of the advantage of its ſhape and poſition.

S I R,

I Herewith ſend you what I have received out of *Muſcovy*, which is a New Mapp of *Nova Zembla* and *Weigats*, as it hath been diſcover'd by the expreſs order of the *Czar*; and drawn by a Painter, called *Pancelapoetſki*, who ſent it me from *Moſco* for a preſent : By which it appears, That *Nova Zembla* is not an Iſland, as hitherto it hath been believed to be; and that the *Mare glaciale* is not a Sea, but a *Sinus* or Bay, the waters whereof are ſweet. Which is the ſame with what the *Tartars* do alſo aſſure us, who have taſted thoſe waters in the very miſt of the *Sinus*. The *Samojeds* as well as the *Tartars* do unanimoſly affirm, that paſſing on the back of *Nova Zembla*, at a conſiderable diſtance from the ſhore, Navigators may well paſs as far as *Japan*. And 'tis a great fault in the *Engliſh* and *Dutch*, that ſeeking to get to *Japan* on the South-ſide of *Nova Zembla*, they have almoſt always paſſed the *Weigats*. The letter O in the great